PAGE: 1

RAW SEQUENCE LISTING

PATENT APPLICATION US/09/519,728

DATE: 03/23/2000

TIME: 14:35:09

Input Set: I519728.RAW

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

```
<110> Weintraub, Bruce D.
 1
          Szkudlinski, Mariusz
 2
                                                               Does Not Comply
    <120> MUTANTS OF THYROID STIMULATING HORMONE
 3
                                                           Corrected Diskette Needed
          AND METHODS BASED THEREON
    <130> UOFMD.002C1
 5
   <140> US/09/519,728
    <141> 2000-03-03
 7
 8
    <150> 60/135,505
 9
    <151> 1998-09-17
10
    <150> 08/939,472
    <151> 1997-09-22
11
12
    <160> 4
    <170> FastSEQ for Windows Version 4.0
13
```

ERRORED SEQUENCES FOLLOW

```
14
     <210> 4
15
     <211> 9
16
     <212> DNA
     <213> Homo sapien
17
18
     <400> 4
19
             <u>t</u>çaaţccgc
20
21
             1
22
             1
23
```

PAGE: 2

VERIFICATION SUMMARY PATENT APPLICATION US/09/519,728

DATE: 03/23/2000

TIME: 14:35:09

Input Set: I519728.RAW

Line ? Error/Warning Original Text

20 E Number of Bases conflict w/ Running Total 3

(

Num	ber: 09/5/9,728	CRF Processing Date: 3/ <3 Edited by:
	anged a file from non-ASCII to ASCII	Verified by: (ST
	anged the margins in cases where the sequence text w	
Edi	Edited a format error in the Curre TANN caton Data section, specifically:	
Edi	ted the Current Application Data section with the actual olicant was the prior application data; or other	current number. The number inputted by th
Add	Added the mandatory heading and subheadings for "Current Application Data".	
Edi	Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer	
Changed the spelling of a mandatory field (the headings or subheadings), specifically:		
Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:		
Inse	Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:	
Cor app	rected subheading placement. All responses must be olicant placed a response below the subheading, this wa	on the same line as each subheading. If the as moved to its appropriate place.
Inserted colons after headings/subheadings. Headings edited included:		
Deleted extra, invalid, headings used by an applicant, specifically:		
Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end page numbers throughout text; other invalid text, such as		
Inserted mandatory headings, specifically:		
Corrected an obvious error in the response, specifically:		
Edi	ited identifiers where upper case is used but lower case	is required, or vice versa.
Co	rrected an error in the Number of Sequences field, spec	cifically:
Α "	Hard Page Break" code was inserted by the applicant.	All occurrences had to be deleted.
	ted ending stop codon in amino acid sequences and a to a Patentin bug). Sequences corrected:	adjusted the "(A)Length:" field accordingly (e
Oth	ner:	
_		